

RFP No. F2024079 Professional Services for Cisco Application Infrastructure Upgrade
Post-Demonstration Score

Award					
		Dallas Digital Colleyville, TX HUB - Yes	X4 Networks North Brunswick, NJ HUB - No	Panzer Security Consulting Inc. Denton, TX HUB - Yes	Sterling Computers Corp. North Sioux City, SD HUB - Yes
Evaluation Criteria	Max Points	Score	Score	Score	Score
Qualifications and Experience	250	200	208.8	208.8	192.5
Project Management and Implementation Approach	300	237.8	233.9	230.3	233.3
References	100	33	73.6	33	3.3
Price	350	350	127.1	108.5	140
Total Score	1000	820.8	643.4	580.6	569.1

Notes: No-bids were received from CSI Leasing, Inc, 3-C Technology, LLC and Petroserv Inc.

RFP No. F2024079 Professional Services for Cisco Application Infrastructure Upgrade
Initial Scores

Award

Evaluation Criteria	Max Points	Dallas Digital Colleyville, TX HUB - Yes	X4 Networks North Brunswick, NJ HUB - No	Panzer Security Consulting Inc. Denton, TX HUB - Yes	Sterling Computers Corp. North Sioux City, SD HUB - Yes	GDT, LP Dallas, TX HUB - No	CDW Government LLC Vernon Hills, IL HUB - No
	Score	Score	Score	Score	Score	Score	Score
Qualifications and Experience	250	125	201.3	207.5	181.3	88.8	186.3
Project Management and Implementation Approach	300	151.5	219	228.8	219	142.5	189.8
References	100	33	73.6	33	3.3	0	83.5
Price	350	350	127.1	108.5	140	287	28
Total Score	1000	659.5	621	577.8	543.6	518.3	487.6

Notes: No-bids were received from CSI Leasing, Inc, 3-C Technology, LLC and Petroserv Inc.



INFORMATION TECHNOLOGY
*• Business First •
Technology Second*

7/3/2024

**Chief Information
Officer**
André Mendes

**Executive Assistant
to CIO**
Cecilia Webb

Deputy CIO
Russell Scott

**Information Security
Officer**
Anil Koindala

**Project Portfolio
Management Office
Director**
Adepeju Ajunwon

**IT Service Delivery
Director**
Carolyn J. Bogan

**Network & Data
Center Infrastructure
Director**
Anthony Jackson

**Business Application
Development & Support
Director**
Michael Webb

**Interim SAP
Director**
Narayanawami Swaminathan

Kehinde Olugbile
Senior Buyer
100 E. Weatherford Street, Suite 303
Fort Worth, Texas 76196

Re: RFP NO. F2024079 – PROFESSIONAL SERVICES FOR CISCO APPLICATION
CENTRIC INFRASTRUCTURE UPGRADE – INFORMATION TECHNOLOGY-
DALLAS DIGITAL SERVICES

Dear Ms. Olugbile:

Based on the information provided in the responses, Tarrant County
Information Technology Department approves award of Bid F2024079 to
Dallas Digital Services, per contract terms.

Very sincerely,

A handwritten signature in black ink, appearing to read "Anthony Jackson", written over a horizontal line.

Anthony Jackson
Network and Data Center Infrastructure Director

*Our vision is to be the best IT
organization in state and
local government within the
United States.*

200 Taylor Street
Fort Worth, TX 76196

Phone: 817.884.3888
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www.tarrantcountytx.gov



This Statement of Work (SOW), as agreed to on the contract signature dates below, by and between Dallas Digital (DDS) and Tarrant County, Texas (County). Tarrant County and Dallas Digital have agreed to the following:

1. Engagement Summary

- Project Staffing
 - *SOW Issue Date:* 06-13-2024
 - *Project Number:* DAL2591
 - *Project name:* Cisco Application Centric Infrastructure Upgrade
 - *Subject Matter Expert (SME):* Jake Manus
 - *SME Expertise:* Cisco ACI
 - *Customer:* Tarrant County, Texas
 - *Invoice rate type:* Fixed Price
 - *Estimated project start date:* 08-06-2024
 - *Estimated project end date:* 10-27-2024

2. Scope of Work

Based on the provided information, DDS will provide a Subject Matter Expert (SME) for the services outlined below. The scope of work is based on implementing existing ACI implemented functionality on new Tarrant County-acquired hardware. The work effort may change after Pre-deployment preparation, where discovery and upgrade planning uncover currently unknown complications not specified in the RFP. The SME will have access to systems and work remotely. This may include but is not limited to the following phases and tasks:

Pre-Deployment Preparation:

- **Project Kickoff:**
 - Review scope, project participants, deliverables, timeline
- **Define Requirements:**
 - Determine the scope of the deployment, including the number of nodes, fabric layout, and connectivity requirements.
 - Identify specific application or business needs for existing ACI deployment and potential changes that will drive the new design.
- **Hardware Procurement (already procured by Tarrant County):**
 - Each Data Center will have the following new Hardware 2x N9K-C93180-FX3, 2x N9K-C9316D-GX, 2x APIC CLUSTER-M4. PLAZA DC will also include 2x 93108TC-FX.
- **Network Design:**
 - Update current network design for new hardware/firmware/software to match existing ACI implementation.
 - Review existing VLANs, IP addressing, and subnetting schemes for the fabric and tenant networks.
 - Define cutover approach from current ACI fabric to new.

Validate Configuration and Setup:

- **APIC Initialization:**
 - Power on, initialize, and validate the APIC controllers.
 - Configure initial network settings such as management IP addresses, DNS, NTP, and time zone settings.
- **Fabric Discovery:**
 - Discover and register the fabric switches (spine and leaf switches) with the APIC controllers.
 - Validate connectivity between the APIC controllers and fabric switches.
- **Tenant Configuration:**
 - Validate current and create tenant contexts for logical partitions on the ACI fabric for multiple customers or applications.
 - Validate current bridge domains and private networks (VRFs) for each tenant.
- **Application Profiles:**
 - Validate current application profiles and define updated policies using application profiles, endpoint groups (EPGs), and contracts.
 - Validate current connectivity requirements between application tiers and enforce policies accordingly.
- **Fabric Policies:**
 - Validate current fabric-wide policies such as access control, QoS, and health monitoring and create new fabric-wide policies.
 - Validate current and define switch profiles, interface policies, and port configurations for consistent fabric deployment.
- **External Connectivity:**
 - Validate current ACI fabric with external networks using Layer 2 or Layer 3 connectivity.
 - Validate current border leaf switches, external bridge domains, and contracts for communication with external endpoints.
- **Service Integration:**
 - Validate current services such as firewalls, load balancers, and WAN routers into the ACI fabric using service graphs and service nodes.
- **Micro-segmentation:**
 - Validate current security policies using micro-segmentation to isolate application tiers and enforce least privilege access.
 - Validate current security groups, contracts, and filters to control traffic flow within the fabric.
- **Security Posture:**
 - Validate current features such as role-based access control (RBAC), endpoint security, and network segmentation to enhance security posture.
- **Fabric Monitoring:**
 - Validate current monitoring policies and thresholds to track fabric health, performance, and operational status.
 - Validate current syslog, SNMP, and telemetry streaming for real-time visibility into fabric events.
- **Troubleshooting Tools:**
 - Utilize troubleshooting tools such as packet capture, endpoint tracing, and fault analysis to diagnose and resolve issues.

ACI Upgrade and Testing:

- **Upgrade Activities**
 - Upgrade ACI to a compatible version to support new hardware
 - Upgrade APICs, Leaves, Spines
- **Functional Testing:**
 - Conduct functional tests to validate connectivity, policy enforcement, and failover scenarios within the ACI fabric.
 - Verify integration with external networks and services.
- **Performance Validation:**
 - Validate customer-defined performance test requirements to assess fabric throughput, latency, and scalability under different traffic loads.
 - Identify any performance bottlenecks and recommend configuration changes accordingly.

Documentation, Knowledge Transfer, Post-Deployment Support:

- **Documentation:**
 - Update existing documentation for the ACI fabric configuration, including policies, profiles, and integration points.
 - Update existing network diagrams, IP address tables, and configuration templates for future reference.
- **Training:**
 - Provide knowledge transfer for network administrators, operators, and application teams on managing and operating the configured ACI fabric.
 - Conduct knowledge transfer sessions to ensure stakeholders understand the fabric architecture and operational procedures.
- **Post-Deployment Support (Up to 60 hours over 60 days):**
 - Maintenance and Updates:
 - Assist with regular maintenance activities such as software upgrades, patch installations, and configuration backups as needed.
 - Performance Monitoring:
 - Assist with monitoring fabric performance and health using built-in monitoring tools and third-party solutions.
 - Assist with addressing any performance issues or capacity constraints to ensure optimal fabric operation.

3. Out-of-Scope of Work

Based on provided information, the following items are considered out of scope:

- Acquisition of additional hardware or software licenses not referenced in section 2.
- Troubleshooting application or performance issues on the application servers.
- Addressing current environment issues (for example; faults, error log incidents, etc)
- Any support or hypercare, etc outside of components being upgraded.

4. Schedule of Delivery

DDS will provide the County with a technical subject matter expert for the scope defined in section 2 and invoice as stated in the Fees for Services section below. The project is expected to begin on the date listed above, but a confirmed date needs to be agreed upon by both parties.

5. Acceptance

DDS will provide a weekly status report with accomplishments and milestone status. The County must

dispute any differences from the report within 5 business days.

6. Dependencies

DDS, will require customer to meet certain agreed-upon dependencies such as assistance, cooperation, information, data, and access to facilities and equipment as necessary to perform the Services. If, during the performance of Services, County does not meet a dependency, DDS will submit a written request to amend this SOW to allow County to understand the scope changes and provide approval prior to implementation of the change.

- Access to County or County facilities, email, and personnel as required for engagement.
- The County is responsible for reviewing all activity status reports in a timely manner as required to complete engagement.
- The County will attend status meetings and project reviews as scheduled by the SME.

7. Change Control

Changes to this SOW may be initiated by providing a written request to the other party. The parties will review any change requests and advise each other if the request can be accepted and if so, a written amendment to this agreement will be created. The Change Control is valid only when both have signed an Amendment and the Amendment is approved by the Tarrant County Commissioner's Court. The Change Control will modify only specific items as set forth in the Change Control. All other statements in this original agreement will stay in force.

8. Fees for Services

The Services will be delivered based on a milestone-based schedule.

- Either party may terminate this agreement with thirty (30) day's prior written notice.
- DDS will submit an invoice only after the county has provided written acceptance of milestone completion.
- Invoices shall indicate milestones and details of expenses incurred.
- Upon request, DDS shall substantiate invoices with evidence satisfactory to the County.
- Estimated fees do not include actual travel and living expenses or taxes, if applicable, which will be added to the invoice(s).
- DDS shall receive reimbursement for certain travel expenses only as authorized in advance by County. Such expenses may include: airfare (economy or coach class only), lodging, Dallas-Fort Worth transportation expenses (economy rental car, taxi/Uber, etc.), and subsistence during specific travel periods.
- Subsequent to County receipt of DDS properly submitted invoice under this SOW, County payment terms will be in accordance with Texas Govt. Code Chapter 2251, "The Texas Prompt Payment Act."

The following milestones and pricing for the Services are described herein:

Milestone	Project Percentage	❶ Total Cost
Discovery and Upgrade Plan	20%	\$ 11,160.00
Validation of ACI Component Configuration	30%	\$16,740.00
ACI Upgrade and Testing	40%	\$22,320.00
Documentation/KT/Post-Deploy Support	10%	\$ 5,580.00
Total	N/A	\$55,800.00

❶ Pricing for the proposed goods and Professional services are valid for 30 Days from the SOW Issue date of this document.

Tarrant County, Texas

By: _____

Name: _____

Title: _____

Date: _____

Dallas Digital Services, LLC

By: Howie Evans

Name: Howie Evans

Title: Vice President

Date: 07/03/2024

07032024

APPROVED AS TO FORM:

CERTIFICATION OF
AVAILABLE FUNDS: \$ _____

Kimberly Colliet Wesley
Criminal District Attorney's Office*

Tarrant County Auditor

*By law, the Criminal District Attorney's Office may only approve contracts for its clients. We reviewed this document as to form from our client's legal perspective. Other parties may not rely on this approval. Instead those parties should seek contract review from independent counsel.